

Appl. No. 10/666,570
Dated 11/23/2004
Reply to Office Action of 10/26/2004

REMARKS

This paper is in response to the Office Action mailed on 10/26/2004. In the Office Action, claims 14-18 and 21-29 were made subject to a restriction requirement under 35 U.S.C. § 121. A first examination of the claims is respectfully requested in view of the amendments and the remarks made herein.

Claims 14-18 and 21-29 were previously pending. Applicant has amended claims 15-16 by this response. Claims 22-29 have been cancelled by this response. New Claims 30-32 have been added. Accordingly, claims 14-18, 21, and 30-32 remain pending. Of the pending claims, claims 14 and 16 are independent claims.

Applicant believes that no new matter has been added by this response.

I) TYPOGRAPHICAL ERROR IN OFFICE ACTION

On page 2 in Section 2 of the Office Action, the Group II claims listing has a typographical error. Group II claims are listed as dependent claims 23-29 without the independent claim 22 from which they depend. Applicant understands the exclusion of claim 22 to be a typographical error in the Office Action. The restriction requirement below includes independent claim 22 with claims 23-29 in Group II.

II) RESTRICTION REQUIREMENT

In Section 2 of the Office Action, claims 14-18 and 21-29 were restricted under 35 U.S.C. 121 into two inventions as follows:

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Group I: Claims 14-18 and 21, drawn to a DSP instruction set architecture of type $D=\{[A\ Op1\ B]\ Op2\ C\}$ in 20 bit and 40 bit format, classified in class 712, subclass 223.

Group II: Claims 22-29, drawn to a DSP instruction set architecture with RISC unit control instructions to control execution of DSP instructions, classified in class 712, subclass 35.

Applicant elects Group I of claims 14-18 and 21 without traverse. Accordingly, Applicant has cancelled claims 22-29 without prejudice of Group II as they will not be examined.

III) CLAIM AMENDMENTS

Applicant has amended claims 15 and 16.

Claim 15 was amended to delete a parenthetical phrase.

Claim 16 was amended into independent form including the limitations of independent claim 14 from which it previously depended.

These amendments to claims 15 and 16 are made prior to a substantive examination of the claims and are thus unrelated to reasons of patentability.

IV) NEW CLAIMS

Applicant has added new claims 30-32.

New claim 30 depends directly from independent claim 14.

New claims 31-32 depend directly or indirectly from independent claim 16.

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CONCLUSION

A first substantive examination of the pending claims in the application is respectfully requested. Allowance of the claims at an early date is solicited.

The Examiner is invited to contact Applicant's undersigned counsel by telephone at (714) 557-3800 to expedite the prosecution of this case should there be any unresolved matters remaining.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees in connection with the filing of this paper, including extension of time fees, to Deposit Account 02-2666 and please credit any excess fees to such deposit account.

Respectfully submitted,

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CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being transmitted via facsimile to the Patent and Trademark Office under 37 CFR §1.8 on: 11/23/2004 to Examiner Kenneth Kim at (703) 872-9306.

Pat Sullivan 11/23/2004

Pat Sullivan Date